

# Converting Colors

Hex(94BF26)

Have a look what the booklet for  
Hex(94BF26) contains.

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**Color**

**Hex(94BF26)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94BF26
RGB	148, 191, 38
RGB Percent	58%, 75%, 15%
CMY	0.4196, 0.2510, 0.8510
CMYK	0.23, 0.00, 0.80, 0.25
HSL	77°, 67%, 45%
HSV	77°, 80%, 75%
XYZ	31.1934, 43.6974, 8.6241
YIQ	160.7010, 23.4850, -56.6990

# Conversions

## Conversions Part 2

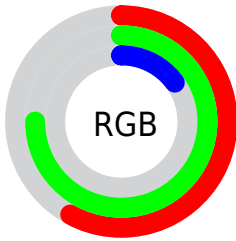
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 191, 81
Decimal	9748262
CIELab	72.03, -34.53, 65.88
CIELCh	72, 74.380, 117.664
Yxy	43.6974, 0.3735, 0.5232
Android (android.graphics.Color)	4287938342 (0xFF94BF26)
YUV	160.7010, -60.4916, -11.1388
Hunter-Lab	66.1040, -31.4509, 38.5377

# Details

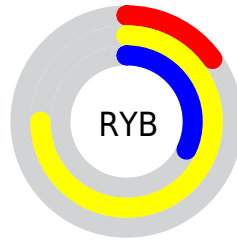
The Hex color **94BF26** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **5126BF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **CEF861**, and **5C8900** is the 20% darker color. If you saturate the color by 10%, you get **8FBF13**, and if you desaturate by 10%, it is **99BF39**.

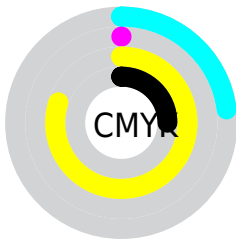
# Distribution



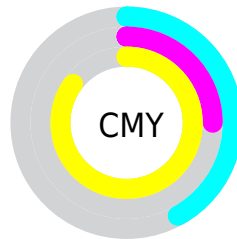
- Red (58%)
- Green (75%)
- Blue (15%)



- Red (15%)
- Yellow (75%)
- Blue (32%)



- Cyan (23%)
- Magenta (0%)
- Yellow (80%)
- Black (25%)



- Cyan (42%)
- Magenta (25%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94BF26 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 94BF26 by changing the saturation by 10% instead.



 94BF26

 94BF26

FFFFFF

 78A400

 CEF861

 5C8900

 EBFF7D

 417000

 FFFF99

 245700

 FFFFB5

 003F00

 FFFFD2

 002900

 FFFFEE

 000E00

 000000

 94BF26

 94BF26

 8FBF13

 99BF39

 89BF00

 9FBF4C

 A4BF5F

 A9BF72

 AFBF85

 B4BF99

 BABFAC

 BFBFBF

 C4BFD2

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D6AC05



94BF26



20CA64

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94BF26



00C9FF



FF6DB9

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



94BF26



5126BF

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FD82FA



94BF26



00BAFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94BF26



00D0EE



A5A1FF



FF7576

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94BF26



00CF91



A5A1FF



FF71D0



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



94BF26



E7F7BC



BF4F26



737D59



FCFCFC



7D7D7D



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



94BF26



B5F70A



4ABF26



5C5E55



729E00



161F00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



5126BF



4D0AF7



9B26BF



58555E



2C009E



09001F



# Previews

## White Background



This preview shows how the Hex color 94BF26 looks on a white background.

## Color Contrast Check

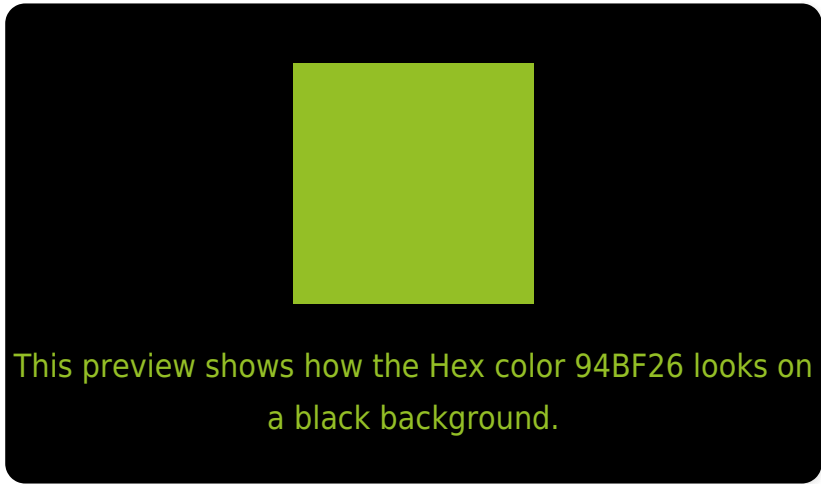
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94BF26 Background



This preview shows how black text looks on a background with the Hex color 94BF26.

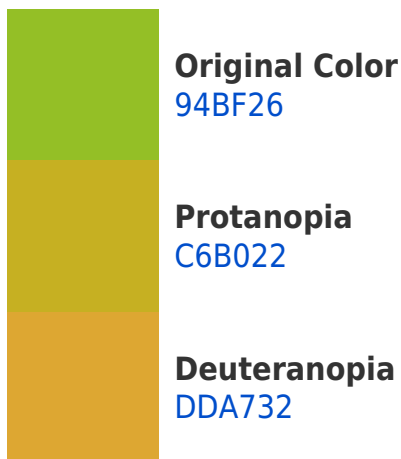


This preview shows how white text looks on a background with the Hex color 94BF26.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

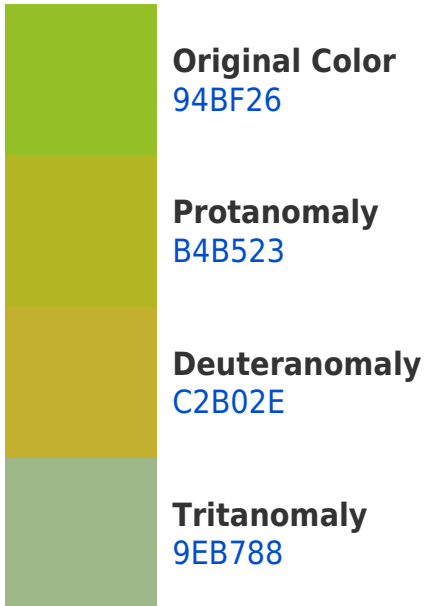
## Dichromacy



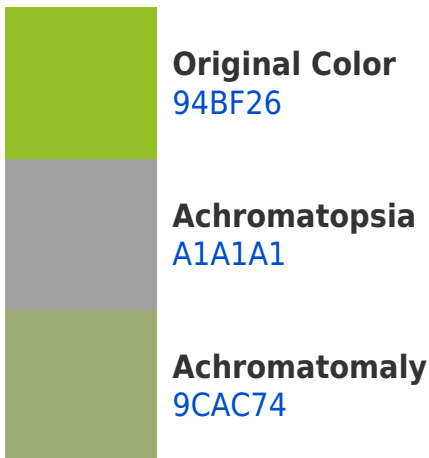


**Tritanopia**  
A4B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94BF26 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #94BF26 looks like.

```
.text, #text, p{  
    color:#94BF26  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #94BF26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94BF26
}
```

## Border

The CSS property to change the border of an element to Hex 94BF26 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94BF26 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#94BF26 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #94BF26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94BF26; -webkit-box-shadow:4px 4px  
4px 4px #94BF26; box-shadow:4px 4px 4px  
4px #94BF26 }
```

# Background

The CSS property to change the background color of an element to Hex 94BF26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94BF26 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#94BF26 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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